



COURTESY SIGN  
PROVIDED BY TxDOT

LEGEND

	Type III Barricade		Channelizing Devices		Flag
	Heavy Work Vehicle		Truck Mounted Attenuator		
	Trailer Mounted Flashing Arrow Panel		Portable Changeable Message Sign		
	Flagger		Sign Post		

Posted Speed $\times$	Formula	Minimum Desirable Taper Lengths $\times \times$			Suggested Maximum Spacing of Device		Minimum Sign Spacing $\times$ Distance
		L			y1	y2	
		10' Offset	11' Offset	12' Offset	On a Taper	On a Tangent	
30	$L = \frac{WS^2}{60}$	150'	165'	180'	30'	60' - 75'	120'
35		205'	225'	245'	35'	70' - 90'	160'
40		265'	295'	320'	40'	80' - 100'	240'
45	L=WS	450'	495'	540'	45'	90' - 110'	320'
50		500'	550'	600'	50'	100' - 125'	400'
55		550'	605'	660'	55'	110' - 140'	500'
60		600'	660'	720'	60'	120' - 150'	$\times$ 600'
65		650'	715'	780'	65'	130' - 165'	$\times$ 700'
70		700'	770'	840'	70'	140' - 175'	$\times$ 800'

$\times$  Conventional Roads Only

$\times \times$  Taper lengths have been rounded off.

$\times$  L=Length of Taper (FT.), W=Width of Offset (FT.), S=Posted Speed (MPH)  
 $\times \times$  Location of vehicle with flashing lights is approximate.  
 - To be adjusted in the field

TYPICAL USAGE:				
MOBILE	SHORT DURATION	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		

#### GENERAL NOTES:

- Unless otherwise stated in the plans, flags attached to signs are **REQUIRED**.
- All traffic control devices illustrated are **REQUIRED**, except those denoted with the triangle symbol may be omitted when stated elsewhere in the plans.
- On high speed facilities advance warning signs should be installed approximately 3X from the work area or from the beginning of a lane or shoulder taper. On low speed facilities the advance warning signs should be placed based on the "X" minimum distance.
- Inactive work vehicles or other equipment should be parked near the right-of-way line and not parked on the paved shoulder.

Only pre-qualified products shall be used. A list of compliant products and their sources may be obtained by writing or faxing:

Standards Engineer  
 Traffic Operations Division - TE  
 Texas Department of Transportation  
 125 East 11th Street  
 Austin, Texas 78701-2483  
 Phone (512) 416-3120  
 Fax (512) 416-3299

TEXAS DEPARTMENT OF TRANSPORTATION  
 Transportation Planning and Programming

2 LANE UNDIVIDED  
 WITH OUT SHOULDERS  
 TRAFFIC CONTROL PLAN  
 TPP TCP-1-04

REVISIONS	DISTRICT	PROJECT		
	COUNTY	HIGHWAY	SHEET	